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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/023,756      | 12/21/2001  | Masayoshi Sekine     | 35.G2956            | 3063             |

5514 7590 06/10/2005

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EXAMINER

HERNANDEZ, NELSON D

ART UNIT PAPER NUMBER

2612

DATE MAILED: 06/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

*Supplemental*  
**Notice of Allowability**

Application No.

10/023,756

Examiner

Nelson D. Hernandez

Applicant(s)

SEKINE, MASAYOSHI

Art Unit

2612

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_\_.
2. ☒ The allowed claim(s) is/are 1-9, 11 and 12.
3. ☒ The drawings filed on 21 December 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|   | 9. <input type="checkbox"/> Other _____.   |

## DETAILED ACTION

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Krause (Attorney on record) on June 7, 2005.

The application has been amended as follows:

**Claim 1** will be written as:

An image-capturing apparatus having a function for printing a captured image with the use of an external printing function, comprising:

image-capturing means for obtaining the captured image;

control means for controlling the operation of the entire apparatus, including at least the image-capturing means and for executing printing processing for printing the captured image; and

clock generating means for generating a clock having an operating frequency for operating the image-capturing means and the control means,

wherein the clock generating means generates higher operating frequencies for the control means when the printing processing is executed than when the image capturing means obtains the image.

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**Claim 9** will be written as:

A control method for an image-capturing apparatus having at least an image-capturing mode for obtaining an image and a printing mode for printing the obtained image by a printer externally connected, comprising:

a mode switching step, of switching between the image-capturing mode and the printing mode; and

a frequency switching step, of switching the operating frequency of the image-capturing apparatus according to mode switching made in the mode switching step,

wherein an operating frequency in the printing mode is higher than an operating frequency in the image-capturing mode.

**Claim 10** is cancelled.

**Claim 12** will be written as:

A storage medium storing a computer-readable program for executing a control method, the control method comprising:

a mode switching step, of switching between an image-capturing mode and a printing mode; and

a frequency switching step, of switching the operating frequency of the image-capturing apparatus according to mode switching made in the mode switching step,

wherein an operating frequency in the printing mode is higher than an operating frequency in the image-capturing mode.

**Claim 13** is cancelled.

***Allowable Subject Matter***

**2. Claims 1-9, 11 and 12 are allowed.**

The following is an examiner's statement of reasons for allowance:

**Regarding claims 1, 4, 8, 9 and 12**, the main reason for indication of allowable subject matter is because the prior art fails to teach or reasonably suggest the limitations having a camera having a function for printing a captured image with the use of an external printing function wherein a clock generating means generates higher operating frequencies for the control means when the printing processing is executed than when the image capturing means obtains the image.

Sakai, US Patent 5,206,730 discloses an image-capturing apparatus (Fig. 1) having a plurality of operation modes, comprising: control means (Fig. 1: 13) for controlling the operation of the entire image-capturing apparatus; and frequency changing means (Fig. 1: 14) for changing the operating frequency of the control means according to an operation mode (Col. 3, line 7 – col. 4, line 29).

Hori, US Patent 5,825,511 teaches an image pickup apparatus, wherein clock generating means (See figs. 1: 2a, 1: 3a, 1: 4a) generates clocks having different operating frequencies for the control means, as between when the printing processing is executed and when the image-capturing means obtains an image (Col. 6, lines 35-50).

However, the teaching of Sakai and Hori either alone or in combination fails to teach or reasonably suggest the camera having a function for printing a captured image with the use of an external printing function wherein a clock generating means generates higher operating frequencies for the control means when the printing processing is executed than when the image capturing means obtains the image.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Contact**

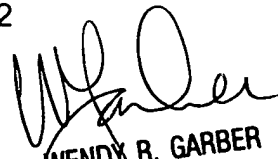
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nelson D. Hernandez whose telephone number is (571) 272-7311. The examiner can normally be reached on 8:00 A.M. to 5:30 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy R. Garber can be reached on (571) 272-7308. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nelson D. Hernandez  
Examiner  
Art Unit 2612

NDHH  
June 7, 2005

  
WENDY R. GARBER  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600